Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2668	((342/70) or (342/71) or (342/72) or (342/76) or (342/79) or (342/104) or (342/117) or (342/174) or (342/175)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/14 10:57
L2	1397	1 and @ad<="20020222"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:57
S1	1785257	auto or automotive or vehicular or (motor adj vehicle) or car or traffic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:52
S2	83502	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:25
S3	15114	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:26
S4	106030	multi-lobe or multi-beam or (multi adj (beam or lobe)) or multibeam or multilobe or ((plurality or plural or multiple) near6 (beam or lobe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:28
S5	996	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:28
S6	690833	lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:28

S7	282433	S5 an d6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:28
S8	343	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:29
S9	1321722	oblique or obliquely or slant or aslant or downward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 09:04
S10	119	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:29
S11	40833	parallel near5 (ground or road or roadway or street)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:59
S12	11	S8 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 08:59
S13	249233	oblique or obliquely	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 09:04
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S16	113	S15 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 09:13
S17	18	S8 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 09:14

SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER 10505402

EAST: search history attached

Search terms: (auto <or> automotive <or> vehicular <or> (motor vehicle) <or> car <or> traffic) <and> radar <and> (multi-lobe <or> multi-beam <or> multibeam <or> multilobe)

1. **Eight-channel 77-GHz front-end module with high-performance synthesized signal generator for FM-CW sensor applications** Mayer, W.; Meilchen, M.; Grabherr, W.; Nuchter, P.; Guhl, R.;
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   Volume 52, Issue 3, March 2004 Page(s):993 - 1000
2. **Compact multibeam dual-frequency (24 and 77 GHz) imaging antenna for automotive radars** Schoenlinner, B.; Ebling, J.P.; Kempel, L.C.; Rebeiz, G.M.;
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3. **Wide-scan spherical-lens antennas for automotive radars**
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4. **Millimeter-wave folded reflector antennas with high gain, low loss, and low profile**
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5. **Offset cylindrical reflector antenna fed by a parallel-plate Luneburg lens for automotive radar applications in mm-wave**
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18. **Unequally-spaced multiple-beam synthesis for bifunctional radar**
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19. **Congruential frequency hop signals for multi-user environments: a comparative analysis**
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20. **Time-frequency properties of extended quadratic congruential frequency hop signals**
Bellegarda, J.R.;
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INSPEC for 10/505402

Search strategy

No.	Database	Search term	Info added since	Results
1	INZZ	(auto OR automotive OR vehicular OR motor ADJ vehicle OR car OR traffic) AND radar AND (multi-lobe OR multi-beam OR multibeam OR multilobe)	unrestricted	23

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Offset cylindrical reflector antenna fed by a parallel-plate Luneburg lens for *automotive radar* applications in mm-wave.

Author(s)

Young-Jin-Park; Herschlein-A; Wiesbeck-W.

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Author(s)

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Author(s)

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Author(s)

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Author(s)

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Sponsors: FSUE SPO `Orion'(Moscow, Russia), FSUE `SCRRTI'(Moscow, Russia), Ukrspetsexport Co.(Kiev, Ukraine), OJS SPE `Saturn' (Kiev, Ukraine)Interface Co.(Moscow, Russia)SSPE `Istok' (Fryazino, Russia) SRI of Telecommun. NTUU KPI (Kiev, Ukraine)SSIE `Orion' (Kiev, Ukraine)SRI of Radiomater. (Belarus)Black Sea Branch of Lomonosov Moscow State Univ. (Sevastopol)Sevastopol Nat. Tech. Univ. (Ukraine) Marine Hydrophysical Inst. NAS Ukraine (Sevastopol)STC `Omega' (Sevastopol, Ukraine)Nat. Center of Space Vehicles Testing & Controlling (Yevpatoria, Ukraine)Crimean Astrophys. Observatory (Katsiveli, Ukraine)Weber Co. (Sevastopol, Ukraine).
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Author(s)

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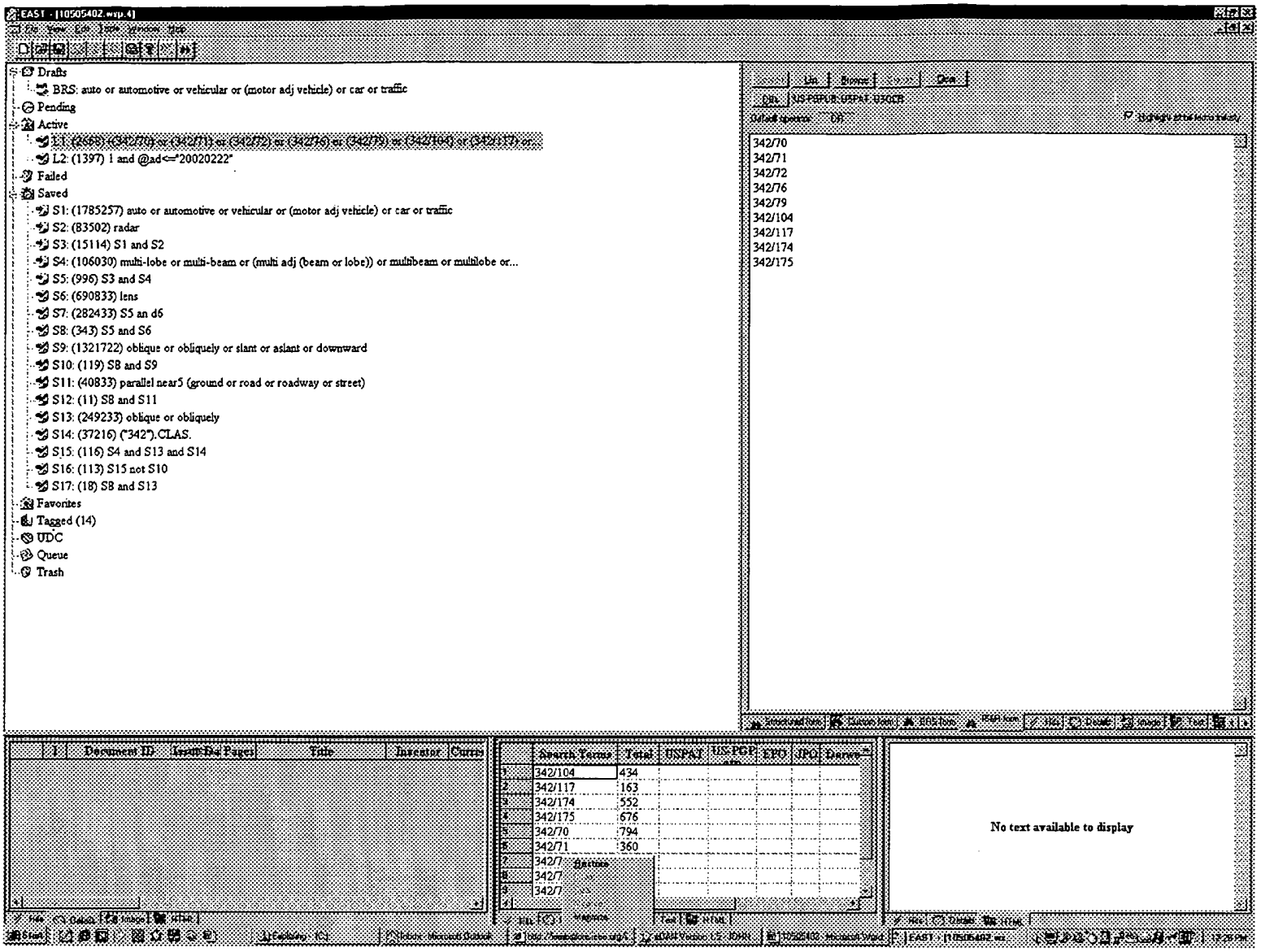
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Drafts
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S1: (1785257) auto or automotive or vehicular or (motor adj vehicle) or car or traffic
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S5: (996) S3 and S4
S6: (690833) lens
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S16: (113) S15 not S10
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